

184

JOURNAL
OF
GEOMAGNETISM
AND
GEOELECTRICITY

VOL. V

1953

SOCIETY
OF
TERRESTRIAL MAGNETISM AND ELECTRICITY
OF
JAPAN
KYOTO

JOURNAL OF GEOMAGNETISM AND GEOELECTRICITY

Vol. V, 1953

INDEX OF AUTHORS

AKIMOTO, S.	168
HAYAKAWA, S.	83
HIRONO, M.	22
KAMIYA, Y.....	136
KAWAI, N.....	66
KAWANO, M.....	14
KIMPARA, A.....	1, 8
KOBAYASHI, S.....	83
KUME, S.....	66
MAEDA, H.	39, 52, 94
MAEDA, KA.	105
MATSUSHITA, S.	109
NAGASHIMA, K.....	141
NAGATA, T.....	168
RIKITAKE, T.	59
SATO, T.....	71
UYEDA, S.....	168
YOKOYAMA, I.....	59
YOSHIDA, S.....	136

JOURNAL OF GEOMAGNETISM AND GEOELECTRICITY

TABLE OF CONTENTS

Vol. V, No. 1-2, 1953

The Typhoon Ruth and Atmospherics,	A. KIMPARA 1
Atmospherics due to Fronts in the Upper Atmosphere,	A. KIMPARA 8
On the Changes in the Atmospheric Electric Field on Meteorologically Quiet Days,	M. HIRONO 14
A Theory of Diurnal Magnetic Variations in Equatorial Regions and Conductivity of the Ionosphere <i>E</i> Region, Part II,	M. HIRONO 22
On the Residual Part of the Geomagnetic <i>S_q</i> -Field in the Middle and Lower Latitudes during the International Polar Year, 1932-33,	H. MAEDA 39
An Average Equator for the Geomagnetic <i>S_q</i> -Field,	H. MAEDA 52

Vol. V, No. 3, 1953

Anomalous Relations between <i>H</i> and <i>Z</i> Components of Transient Geomagnetic Variations,	T. RIKITAKE and I. YOKOYAMA 59
The Thermal Fluctuation After Effect found in the Natural Remanent Magnetic Polarization of Rocks,	N. KAWAI and S. KUME 66
On Distribution of Nitrogen in the Upper Atmosphere,	T. SATO 71
Propagation of the Cosmic Radiation thorough Interstellar Space,	S. HAYAKAWA and S. KOBAYASHI 83
The Vertical Distribution of Electrical Conductivity in the Upper Atmosphere,	H. MAEDA 94
LETTER TO THE EDITORS	
Remarks on Annual and Diurnal Variation of Cosmic Ray Intensity,	K. MAEDA 105

Vol. V, No. 3, 1953

Ionospheric Variations Associated with Geomagnetic Disturbances,	
I. Variations at Moderate Latitudes and the Equatorial Zone, and the Current System for the <i>S_D</i> Field,	S. MATSUSHITA 109
Latitude Effect of the Intensity Decrease in the Cosmic-Ray Storm,	S. YOSHIDA and Y. KAMIYA 136
The World-Wide Variation of Cosmic Ray Intensity by the Electro-Magnetic Field,	K. NAGASHIMA 141
Self-Reversal of Thermo-Remanent Magnetism of Igneous Rocks (III),	T. NAGATA, S. AKIMOTO and S. UYEDA 168